

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/005345

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ F24F11/02, 1/00, 3/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ F24F11/02, 1/00, 3/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

| | | | |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho | 1922-1996 | Jitsuyo Shinan Toroku Koho | 1996-2005 |
| Kokai Jitsuyo Shinan Koho | 1971-2005 | Toroku Jitsuyo Shinan Koho | 1994-2005 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | JP 6-101894 A (Hitachi, Ltd.), 12 April, 1994 (12.04.94), Par. Nos. [0035] to [0037]; Figs. 5, 6 (Family: none) | 1, 2, 7, 14 |
| Y | JP 62-129639 A (Toshiba Corp.), 11 June, 1987 (11.06.87), Fig. 2 & US 4744223 A1 | 3-6, 8, 11 |
| Y | JP 2003-161465 A (Daikin Industries, Ltd.), 06 June, 2003 (06.06.03), Par. Nos. [0128] to [0146]; Figs. 8, 9 & EP 1450113 A1 & WO 03/46441 A1 | 8, 11 |

 Further documents are listed in the continuation of Box C. See patent family annex.

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| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
22 April, 2005 (22.04.05)Date of mailing of the international search report
17 May, 2005 (17.05.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| E,X | JP 2004-353887 A (Daikin Industries, Ltd.), 16 December, 2004 (16.12.04), Full text; all drawings (Family: none) | 1-14 |
| A | JP 8-178399 A (Matsushita Electric Industrial Co., Ltd.), 12 July, 1996 (12.07.96), Full text; all drawings (Family: none) | 8-13 |
| A | JP 2002-323251 A (Daikin Industries, Ltd.), 08 November, 2002 (08.11.02), Full text; all drawings (Family: none) | 5 |